

AL-18-802120- /

13 February 1968

Dear Boyd:

We are enclosing herewith five (5) copies of the following report (classified SECRET):

Contract

Monthly Report - 1 January 1968
through 31 January 1968.

RRW:sjm

R. R. W.

Copy #1: BN w/enc. (AL-18-700451-2 thru 6)
2: JP w/enc. (AL-18-700451-7)

Declass Review by NGA.

SECRET

This document contains
6 pages.

AL-18-700451- 2

Copy 2 of 24 copies

CONTRACT



25X1

MONTHLY REPORT

1 January through 31 January 1968

31 January 1968

SECRET

GROUP 1
EXCLUDED FROM AUTOMATIC DOWNGRADING
AND DECLASSIFICATION

SECRET

Contract

Monthly Report

25X1

PAR 245

31 Jan 68

SUBJECT: BPE High-Magnification Lens Sets

TASK/PROBLEM

1. Design, fabricate, and test prototype optical systems to extend the Briefing Print Enlarger (prototype) PAR 243A upper limit magnification range from 60X to 140X - 160X.

DISCUSSION

2. As reported in the December 1967 monthly report, the lenses, condenser assemblies, and storage cabinet which are deliverable under this contract were delivered and accepted by the customer.

3. Preparation of the final report is nearly complete.

PLANNED ACTIVITY

4. Complete the final report and transmit to the customer in March 1968.

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Contract

Monthly Report

25X1

PAR 246

31 Jan 68

SUBJECT: RT-12 and RT-24 Operation Improvements

TASK/PROBLEM

1. Conduct necessary design, fabrication, and test effort to implement operational improvements to the RT-12-inch and RT-24-inch Processors as requested by the customer.

DISCUSSION

2. The replacement dryer drum, circuit breaker, and plastic gears have now been received by the contractor and will be shipped to the customer during the week of 5 February 1968. These parts are required for the activity outlined in paragraph 3. below.

PLANNED ACTIVITY

3. Undertake the following tasks:
 - a. Replace the dryer drum.
 - b. Remove the impingement dryer from the RT-24 Processor.
 - c. Replace the circuit breaker.
4. Continue to make improvements and investigate problem areas as requested by the customer.

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Contract

Monthly Report

25X1

PAR 247

31 Jan 68

SUBJECT: Base Spare Parts Kit

TASK/PROBLEM

1. Provide one base spare parts kit for two Briefing Print Enlargers, PAR 243A.

DISCUSSION

2. All purchase items have been ordered and are now being delivered to the contractor.

3. All make parts are now in fabrication.

PLANNED ACTIVITY

4. Continue fabrication of parts for the Base Spare Parts Kit.

SECRET

SECRET

Contract

Monthly Report

25X1

PAR 248

31 Jan 68

SUBJECT: BPE High-Magnification Lens Set

TASK/PROBLEM

1. Provide one high-magnification lens set (PAR 245) to increase the magnification range of a briefing print enlarger (PAR 243A) at the customer's facility.

DISCUSSION

2. Orders have been placed for all purchase parts and many of these items are now being received by the contractor.

3. All optical glass parts are in fabrication.

4. All metal parts to be made are in fabrication.

PLANNED ACTIVITY

5. Continue fabrication of parts in preparation for assembly of components for the BPE High-Magnification Lens Set.

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30 Nov 67

PAR	Title	Status
221	Lens Bench Manual	Not to be submitted
222	Auto Stereo Registrn System	Completed 3 Mar 65
223	Monochr. Lens System	Disapproved
225	Micro-D Training Program	Terminated
226	Edge Trace Meas., Micro-D	Completed
227	Color Viewer	Disapproved
228	Vectograph Study	Not to be submitted
229	Optical Design Film Viewer	Not to be submitted
230	10X Color Lens	Disapproved
231	10-20-40X Color Lamphouse	Disapproved
232	Automated Edge Trace Device	Disapproved
233	Zoom (6X to 60X) Projection Lens	Terminated/TWX 7878 dtd 26 Jul 66
234	MTF Exposure Device	Disapproved
235	Automation Program Study	Disapproved
236	Film Disposal Rewind Unit	Disapproved
237	Briefing Aids	Completed 25 Jul 65
238	Equipment Installation	Closed/TWX 7284 dtd 23 May 66
239	Administration	Closed
240	Not Assigned	-
241	Not Assigned	-
242A	Color Demonstration Material	Completed 29 Mar 66
243A	Briefing Print Enlarger	Completed 22 Sep 67
244	Spare Parts for RT Processors	Active
245	BPE High Magnification Lens Sets	Active
246	RT-12 and RT-24 Operational Improvements	Active
247	Base Spare Parts Kit	Active
248	BPE High Magnification Lens Set	Active

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SECRET**GROUP 1**

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30 Nov 67

DISCUSSION

3. PAR Status. The table below lists all PARs in numerical order for ready reference, and the title (condensed in some cases) and status of each.

<u>PAR</u>	<u>Title</u>	<u>Status</u>
201	Travel and Liaison	Active
202/ 224	Briefing Print Enlarger/ 3X - 15X Enlarger	Completed/TWX 6351 dtd 21 Jan 66
203	Rapid Access Printer	Completed 4 Aug 65
204	Contact Chip Printer	Termination Rpt completed 27 Jan 65
205	Precision 4X Enlarger	Termination Rpt completed 27 Jan 65
206	Reversal Processing Study	Completed 21 May 65
207	Contact Printer Study	Completed 6 Apr 66
208	Non-Elec. Image Enhancement	Cancelled
209	Phosphor Viewer	Cancelled
210	Laminated Slides	Completed 4 Sep 64
211	Processing Effects Study	Completed 28 Oct 65
212	Color Acq. System Review	Completed 28 Oct 65
213	Color Reprod. Review	Completed 13 Aug 65
214	Roller Transport Processor (12-Inch)	Closed/TWX 7284 dtd 23 May 66
215	Roller Transport Processor (24-Inch)	Closed/TWX 7284 dtd 23 May 66
216	Laser Photographic Exposure	Completed 12 Feb 65
217	Optimization of Lasers	Completed 9 Nov 65
218	Autofocus Systems	Not to be submitted
219	Opt. vs Contact Ptg. 1:1	Not to be submitted
220	Static Elec. Hold-Down	Disapproved

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